

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-13. (Canceled)

14. (Currently amended) A purified recombinant protein ~~having a cell-binding domain comprising a binding peptidomimetic~~ and a biotin-binding streptavidin core sequence, wherein said ~~cell-binding domain binding peptidomimetic~~ comprises ~~an active a binding domain of a heterologous polypeptide~~ and wherein said ~~cell-binding domain binding peptidomimetic~~ is fused to the N- terminus of ~~streptavidin molecule a streptavidin core sequence~~ by a flexible linker.

15. (Original) The protein of claim 14 wherein said heterologous polypeptide is selected from the group consisting of: antibodies, ligands for cell surface receptors, cell adhesion sequences, and antigens.

16. (Previously presented) The protein of claim 14 wherein said heterologous polypeptide binds to a protein selected from the group consisting of: Her2, EGFR, VEGF, CEA, PSA, HER3, HER4, CD-20, TNF- α , IL-1, TNFR, FAS, RANKL/TRANSC, OPG, CD40, CD28, CD3, CD4, IL-4 or IL- 13.

17. (Original) The protein of claim 14 wherein the cell binding domain is fused to the streptavidin wild type polypeptide containing amino acid residues 38 and 163 of SEQ. ID NO:9.

18. (Original) The protein of claim 14 wherein the cell binding domain is fused to the streptavidin wild type polypeptide containing amino acid residues 41 and 163 of SEQ. ID NO:9.

19. (Original) The protein of claim 14 wherein said cell binding domain comprises SEQ ID NO: 1.

20. (Original) The protein of claim 14 wherein said cell binding domain comprises SEQ ID NO: 10.
21. (Original) The protein of claim 14 wherein said cell binding domain is connected to streptavidin or a fragment thereof via a linker having a linker sequence contains SEQ ID NO: 11.
22. (Original) The protein of claim 14 wherein the streptavidin or a fragment thereof is bound to a biotinylated drug, a biotinylated toxin, a biotinylated nucleic acid molecule, a biotinylated radionuclide or a biotinylated detectable compound.
23. (Original) A tetrameric protein complex comprising a protein of claim 14.
24. (Withdrawn) A method of delivering a drug, a toxin, a nucleic acid molecule, a radionuclide or a detectable compound to a cell comprising the step of contacting the cell with a tetrameric protein comprising the protein of claim 23, wherein said cell expresses a protein which binds to an amino acid sequence present in the exocyclic peptide of a monomer of the multimeric protein.
25. (Canceled)
26. (Previously presented) The purified recombinant protein according to claim 14 comprising SEQ ID NO:8